

030304

13281 U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No. 0172.41221CX1

First Inventor HOLMA, HARRI

Title INTER-FREQUENCY MEASUREMENTS WITH  
MIMO TERMINALS

Express Mail Label No.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

SEE MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-14501. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification [Total Pages: 35]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,  
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets: 3]

5. Oath or Declaration [Total Sheets: 5]

a. ☐ Newly executed (original or copy)b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS)/PTO-1449
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/113,690

Prior application information: Examiner: A. Qureshi

Art Unit: 2667

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number

020457

OR ☐ Correspondence address below

Name ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

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Name (Print/Type)

Donald E. Stout

Registration No. (Attorney/Agent)

26,422

Signature

Date

March 3, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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13281  
U.S. PTO**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

**Complete if Known**

Application Number	Rule 53(b) of 10/113,690
Filing Date	March 3, 2004
First Named Inventor	HOLMA, HARRI
Examiner Name	Unassigned
Art Unit	Unassigned
Attorney Docket No.	0172.41221CX1

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

01-2135

Antonelli, Terry, Stout &amp; Kraus, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee	Entity Fee	Small Fee	Fee Description
Code (\$)	Code (\$)	Code (\$)	
1001 770	2001 385		Utility filing fee
1002 340	2002 170		Design filing fee
1003 530	2003 265		Plant filing fee
1004 770	2004 385		Reissue filing fee
1005 160	2005 80		Provisional filing fee

**Fee Paid**

SUBTOTAL (1)

770.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims 1	-20** =	x	= 0
Indep. Claims 1	-3** =	x	= 0
Multiple Dependent			= 0

Large Entity Small Entity

Large Fee	Entity Fee	Small Fee	Fee Description
Code (\$)	Code (\$)	Code (\$)	
1202 18	2202 9		Claims in excess of 20
1201 86	2201 43		Independent claims in excess of 3
1203 290	2203 145		Multiple dependent claim, if not paid
1204 86	2204 43		** Reissue independent claims over original patent
1205 18	2205 9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0

\*\*or number previously paid, if greater; For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

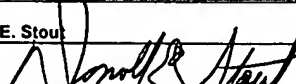
Large Fee	Entity Fee	Small Fee	Fee Description
Code (\$)	Code (\$)	Code (\$)	
1051 130	2051 65		Surcharge - late filing fee or oath
1052 50	2052 25		Surcharge - late provisional filing fee or cover sheet
1053 130	2053 130		Non-English specification
1812 2,520	2052 2,520		For filing a request for <i>ex parte</i> reexamination
1804 920*	2052 920*		Requesting publication of SIR prior to Examination action
1805 1,840*	2052 1,840*		Requesting publication of SIR after Examiner action
1251 110	2251 55		Extension for reply within first month
1252 420	2252 210		Extension for reply within second month
1253 950	2253 475		Extension for reply within third month
1254 1,480	2254 740		Extension for reply within fourth month
1255 2,010	2255 1,005		Extension for reply within fifth month
1401 330	2401 165		Notice of Appeal
1402 330	2402 165		Filing a brief in support of an appeal
1403 290	2403 145		Request for oral hearing
1451 1,510	2451 1,510		Petition to institute a public use proceeding
1452 110	2452 55		Petition to revive - unavoidable
1453 1,330	2453 665		Petition to revive - unintentional
1501 1,330	2501 665		Utility issue fee (or reissue)
1502 480	2502 240		Design issue fee
1503 640	2503 320		Plant issue fee
1406 130	2406 130		Petitions to the Commissioner
1807 50	2807 50		Processing fee under 37 CFR 1.17(q)
1806 180	2806 180		Submission of Information Disclosure Stmt
8021 40	2801 40		Recording each patent assignment per property (times number of properties)
1809 770	2809 385		Filing a submission after final rejection (37 CFR § 1.129(a))
1810 770	2810 385		For each additional invention to be examined (37 CFR § 1.129(b))
1801 770	2801 385		Request for Continued Examination (RCE)
1802 900	2802 900		Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Donald E. Stout	Registration No. (Attorney/Agent)	26,422	Telephone	703-312-6600
Signature		Date	03/03/2004		

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